M. A. R. 57 (Rule 116) No. E 617348

Measurement Book

Serial No. 3rd & part bill

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... M. S. Rajendra .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Name of work: Comprehensive development of Roads & Drains in ward no. 17 Rajarajeshwari Nagara Assembly Constituency under Railcage - 2019 - 20 - RRN - DIV (03)					
	AS : EE/RRN/AS/147/2020-21 Dated 02.09.2020					
	TS : CE/RRN/TS/229/2019-20 Dated 20.01.2020					
	Estimate cost : 1100.00 lakhs					
	W.O.NO: EE/RRND/WO.No/000084/2020-21 Date: 14/9/2020					

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MEASUREMENT BOOK

Date	Full description, etc. of work	Unit	Contents	Dimensions: Number	Length	Breadth	Depth	Reference to last Measurement
1	2		7	3	4	5	6	8
	1. Removing & refixing stone slabs of drains & pointing	Sqm	10727.47	1190750.00	0.0	1118 0.0		1190750.0
	2. Excavation for road, drains & similar works Earthwork Excavation by manual means	Cum	4655.47	10705	11.38	230	25616.0	4766.85 1096375.00
	Providing & constructing Precast concrete solid blocks with compressive	Sqm	627920	5651280.0	0.0	900.0	0.0	6279.20 5651280.00
	roviding ruled pointing to ursed stone masonry	Cum	14678.40	2201760.0	0.0	150.0	0.0	14678.40 2201760.0
	oviding & laying in position in Cement Concrete of Mix 1:2:4	Cum	506.72	28629400	0.0	5650.7	0.0	506.72 2862940.0

ckd & tc

M. A. R. 57 (Rule 116)
Measurement Book

No. E 617349

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	unit	Contents	Dimensions: Number	Length	Breadth	Depth	Reference to last Measurement
1	2		7	3	4	5	6	8
	10. providing & laying precast drain cover slab of 100mm	Sqm	2075.80	46705 41.0	0	2250.0	0.0	2075.80 4670540.0
	15. Removing & resetting of kerb stones as per the direction	Rmt	4773.63	4773 67.0	321.75	100.0	32175.0	5095.42 5095420.0
	16. providing & fixing pre cast solid concrete kerb stones	Sqm	5712.0	26275 29.0	384.0	461.0	176640.0	6096.0 2804160.0
	17. painting two coats after filling the surface with	Sqm	0.0	0.0	198.0	80.0	15840.0	198.0 15840.0

ckd & tc

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MEASUREMENT BOOK

Date	Full description, etc, of work			Dimensions				Contents	Reference to last Measurement
				Number	Length	Breadth	Depth		
1	2			3	4	5	6	7	8
	20. Construction of Embankment with approved material Gravel/Murrum with all	cum	0.0	0.0	450.23	340.0	153077.0	450.23	153077.00
	21. Construction of granular Sub-base Grading-V as Sub base & drainage layer	cum	1018.96	20277	362.81	1990	721 997.0	1381.77	2749727.00
	22. providing & filling Sand in foundation to required depth for Sub Soil treatment	cum	0.0	0.0	303.67	2100	6377 01.0	303.67	637701.00
	23. providing laying spreading & compacting Crushed Hard aggregate of granite/trap	cum	1171.80	23436 08.00	0.0	2000.0	0.0	1171.80	2343608.0

ckd & fc

M. A. R. 57 (Rule 116)
Measurement Book

No. E 617350

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work			Dimensions				Contents	Reference to last Measurement	
				Number	Length	Breadth	Depth			
1	2			3	4	5	6	7	8	
	24. providing & applying Primer Coat with S.S. Bitumen Emulsion	Sqm	5094.80	5094.80	147749	0.0	29.0	0.0	5094.80	147749.0
	25. Cleaning the Existing black topped surface with brooms	Sqm	35068.39	35068.39	175342.0	0.0	5.0	0.0	35068.39	175342.0
	26. providing & applying tack coat using 80/100 grade bitumen	Sqm	79255.80	79255.80	951070.0	0.0	12.0	0.0	79255.80	951070.0
	27. providing & laying dense graded bituminous macadam using	cum	2481.87	2481.87	186140 25.0	0.0	7500	0.0	2481.87	186140.25.0

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MEASUREMENT BOOK

Date	Full description, etc. of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1	2		3	4	5	6	7	8
	33. Providing & laying in bituminous carpeting	Cum	1785.31	15175	0.0	8500	0.0	178531	15175101.00
				101.0					
	30. Providing & laying dry cobble stone		0.0	00	3779.17	1100	41570 87.0	3779.17	4157087.00
	34. Excavation for road work in soil with hydraulic excavator of 0.9 cum	Cum	1528.44	128389	452.59	8410	38017	1981.03	166406.00
	35. Providing & constructing dry Lean Cement Concrete	Cum	25715	0.0	201.15	3800	764370	201.15	764370.00
			0.0						

Approved
Executive Engineer
Rajasthan Bangalore Mangalore Pipeline
Bangalore - 560 034.

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Executive Engineer
Rajasthan Khajura Division
Bangalore Mangalore Pipeline

ckd & fc

M. A. R. 57 (Rule 116) No. E 617351

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1	2		3	4	5	6	7	8
	36 Constructing un-reinforced plain cement concrete for Pavement using Grade	Cum	0.0	0.0	299.40	5263.0	1575729	299.40	1575729.0
	37. Vacuum de-watering with vacuum pump & suction mains	Hrs	0.0	ckd & fc	1278.05	70.0	89464.0	1278.05	89464.0
	39. Earthwork in surface excavation in ordinary soil for levelling & lowering	Cum	3.95	10260	0.0	260.0	0.0	3.95	1026.00

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MEASUREMENT BOOK

Date	Full description, etc, of work			Dimensions				Contents	Reference to last Measurement
				Number	Length	Breadth	Depth		
1	2			3	4	5	6	7	8
	40. Earthwork Excavation for foundation of buiding	Cum	68.38	97009.0	0.0	395.0	0.0	68.38	27009.00
	41. providing & laying in Position plain cement concrete of mix 1:3:6 with	cum	10.95	58017	0.0	5300	0.0	10.95	58017.0
	42. providing & constructing granite / trap / basalt size	cum	23.31	102564	0.0	4400	0.0	23.31	102564.0
	43. Providing & constructing granite trap basalt size stone	Cum	24.86	131779	0.0	5300	0.0	24.86	131779.0
	44. providing flush Pointing to square rubble, course	Sqm	37.72	3772.0	0.0	100.0	0.0	37.72	3772.00

M. A. R. 57 (Rule 116)
Measurement Book

No. E 617352

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work			Dimensions				Contents	Reference to last Measurement
				Number	Length	Breadth	Depth		
1	2			3	4	5	6	7	8
	45. providing & filling sand in foundation upto plinth to	Cum	158.26	332344	0.0	21000	0.0	158.26	332344.0
	46. Providing & injecting chemical Emulsion for pre constructions	Sqm	128.70	128700	0.0	1000	0.0	128.70	128700.0
	47. Providing & laying in position reinforced cement concrete of	Cum	3.60	23429	0.0	6500	0.0	3.60	23429.0
	48. Providing & laying in position reinforced cement concrete of design mix M25	Cum	5.71	384676	0.0	6740	0.0	5.71	38461.0

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MEASUREMENT BOOK

Date	Full description, etc, of work			Dimensions				Contents	Reference to last Measurement	
				Number	Length	Breadth	Depth			
1	2			3	4	5	6	7	8	
49.	Providing & removing Centering, Shuttering	Sqm	33.40	10020.0	0.0	300.0	0.0	33.40	10020.00	
50.	Providing & removing Cent - ring Shuttering, Striking	Sqm	26.32	15266	0.0	580.0	0.0	26.32	15266.00	
51.	Providing & removing Centering Shuttering, Striking	Sqm	3.09	2209.0	0.0	715.0	0.0	3.09	2209.0	
52.	Providing TMT Steel reinforcement for RCC	TON	1.18	75520	0.0	64000	0.0	1.18	75520.0	
53.	providing & Constructing load bearing wall with solid concrete	Sqm	60.33	59729	0.0	990	0.0	60.32	59729.00	

M. A. R. 57 (Rule 116) No. E 617353
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement	
			Number	Length	Breadth	Depth			
1	2		3	4	5	6	7	8	
54.	providing 18mm thick cement plaster in single coat with cement	Sqm	74.43	14886	0.0	200	0.0	74.43	14886.0
55.	providing 15mm thick cement Plaster in single coat with	Sqm	53.19	10106.0	0.0	190	0.0	53.19	10106.00
51.	Providing 12mm thick cement plaster in single coat with	Sqm	19.80	3564.0	0.0	180.0	0.0	19.80	3564.0
57.	Providing lime rendering for Plastering to wall & ceiling	Sqm	72.99	1898.0	0.0	26.0	0.0	72.99	1898.0

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MEASUREMENT BOOK

Date	Full description, etc. of work		Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2		3	4	5	6	7	8
49. P ac	58. providing & applying two coats with oil bound	Sqm	72.99	5474.0	0.0	75.0	0.0	72.99	5474.00
50. P - ni	59. providing & finishing External walls in two	Sqm	74.43	6550.0	0.0	88.0	0.0	74.43	6550.00
51. P ce	60. providing & laying Hassan Green granite	Sqm	23.76	99792	0.0	4200	0.0	23.76	99792.0
52. P re	61. providing & fixing m position aluminium	Sqm	0.72	3168.0	0.0	4400	0.0	0.72	3168.00
53.	62. providing & fixing M.S Grill work for windows & ventilators	Sqm	28.80	2304	0.0	80.0	0.0	28.80	2304.00

M. A. R. 57 (Rule 116)
Measurement Book

No. E 617351

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work		Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement	
1	2		3	4	5	6	7	8	
	63. Providing & Applying Enamel metal paint two	Sqm	1.44	122.0	0.0	85.00	0.0	1.44	122.0
	64. For roof slab & terrace Providing & applying	Sqm	26.32	19477	0.0	740	0.0	26.32	19477.0
	65. Providing & fixing 1mm thick M.S. Sheet garage	Sqm	7.14	17493	0.0	2450	0.0	7.14	17493.0
	66 Loading & unloading of Stone Boulder / Stone aggregate	Cum	36.16	3833	0.0	106	0.0	36.16	3833.0

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MEASUREMENT BOOK

Date	Full description, etc, of work			Dimensions				Contents	Reference to last Measurement
				Number	Length	Breadth	Depth		
1	2			3	4	5	6	7	8
	67. Providing & fixing Precast Solid Concrete Kerb Stones	NO's	830.0	373500	0.0	450	0.0	830.0	373500.00
	68. Painting two coats after filling the surface with	Sqm	149.32	12543	0.0	84	0.0	149.32	12543.00
	69. Providing & laying heavy duty cobble stones 75mm thick interlock paver, using cement & coarse sand fo	Sqm	1003.51	11660 79.0	0.0	1162.0	0.0	1003.51	1166079.0
	70. Providing Precast Chequered Mosaic tiles white colour	Sqm	332.0	431606	0.0	1300	0.0	332.0	431606.0

M. A. R. 57 (Rule 116) No. E 617355
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work			Dimensions				Contents	Reference to last Measurement	
				Number	Length	Breadth	Depth			
1	2			3	4	5	6	7	8	
	71. Fabricating Supplying & erecting M.S. Angular Truss for all spans as	Sqm	7377.81	959115.0	0.0	130.0	0.0	7377.81	959115.0
	72. Supplying & fixing new mangalore tiles	Sqm	113.50	48240	0.0	425.0	0.0	113.50	48240.0
	73. Supplying & fixing Polished grey granite	Sqm	18.0	189000	0.0	10500	0.0	18.0	189000.0
	74. for pergola as Re the direction of	Sqm	2.0	319990	0.0	159995	0.0	2.0	319990.0

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Total Amount –					8387713.0	73286399
	GST 12% –					1006525.56	8794367.88
	Grand Total –					9394238.56	82080766.88
	Certificate:						
	1. The above work has been completed satisfactorily						
	2. The debris has been removed & disposed to the Work spot						
	3. NO departmental issues are made to the contractor.						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 617356

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Admitted Rs. 83877/3 : 00

Cheque Rs. 7265600 : 00

Seventy two lakh sixty five thousand six hundred only

Adjustment Rs. 1122113 : 00

Office Worker

Accounts Superintendent

Executive Engineer

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